IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Official

In re Patent Application of: OLOFSSON ET AL.

Serial No. 09/582,637

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For: TELECOMMUNICATIONS

) Examiner: R. BARNIE

) Art Unit: 2643

) Attorney Docket No. 54320

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RESPONSE

Director, U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

Responsive to the Office Action of January 9, 2003, please consider the remarks set out below.